

In the Claims:

Please cancel claims 72, 116 and 117 without prejudice or disclaimer.

1 – 70. (Canceled)

71. (Previously Presented) A process for treating a recipient of a transplant to reduce in said recipient an immune response of effector cells against a xenoantigen to the effector cells, comprising

administering to a recipient of a transplant mesenchymal stem cells in an amount effective to reduce an immune response of effector cells against a xenoantigen to the effector cells, whereby in the recipient the effector cells have a reduced immune response against the xenoantigen.

72 - 95. (Canceled)

96. (Previously Presented) The process of claim 71 wherein said effector cells are T cells.

97. (Previously Presented) The process of claim 96 wherein the T cells are from the donor and the xenoantigen is from the recipient.

98. (Previously Presented) The process of claim 71 wherein the T cells are from the recipient and the xenoantigen is from the donor.

99. (Previously Presented) The process of claim 71 wherein said T cells are present in a transplant.

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~~101~~. (Previously Presented) The process of claim 71 wherein said MSCs are administered to a recipient of a transplant suffering from graft-versus-host disease.

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102. (Previously Presented) The process of claim 71 wherein prior to said administration said mesenchymal stem cells (MSCs) have been expanded in culture.

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103. (Previously Presented) The process of claim 71 wherein said effector cells are T cells previously activated and said immune response is the reactivation of said T cells.

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104. (Previously Presented) The process of claim 71 wherein the transplant is skin.

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105. (Previously Presented) The process of claim 71 wherein the mesenchymal stem cells are administered to the recipient to treat rejection of the transplant by the recipient.

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106. (Previously Presented) The process of claim 71 wherein the mesenchymal stem cells are human mesenchymal stem cells.

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107. (Previously Presented) The process of claim 71 further comprising administering to the recipient immunosuppressive agents.

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108. (Previously Presented) The process of claim 71 wherein the transplant is a solid organ.

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109. (Previously Presented) The process of claim 107 wherein the solid organ is selected from heart, pancreas, kidney, lung or liver.

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110. (Previously Presented) The process of claim 71 wherein said mesenchymal stem cells are administered prior to said transplant.

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111. (Previously Presented) The process of claim 71 wherein said mesenchymal stem cells are administered concurrently with said transplant.

Rule
1.126
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¹¹¹
~~112~~. (Previously Presented) The process of claim 71 wherein said mesenchymal stem cells are administered as part of the transplant.

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~~113~~. (Previously Presented) The process of claim 71 wherein the mesenchymal stem cells are administered subsequent to transplant.

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~~114~~. (Previously Presented) The process of claim 71 wherein said mesenchymal stem cells are administered intravenously to the recipient.

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~~115~~. (Previously Presented) The process of claim 71 wherein said effector cells are cells of a recipient of said donor transplant.

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~~116-117~~. (Canceled)